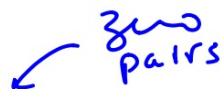


Algebra 1

6.4

 zero
pairs

Solve systems by elimination

Solve problems using elimination

solve

elimination

DRT charts

whiteboards

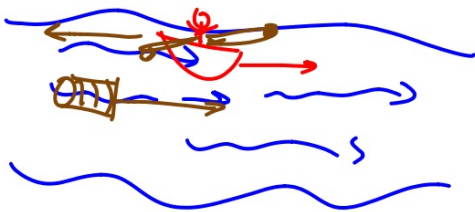
speed dating (if time)

$P + W$

$P - W$ $D = R * T$
wind W

$R + C$ current

$R - C$ upstream against
 C downstream with



D	R	T

p. 359

~~Word prob practice (handout)~~

(5)

leave	10 AM	} 2	with (down)	D	R	T
lunch	noon			16	$B+C$	2
return	1 PM	} 4	against (up)	16	$B-C$	4
finish	5 PM					

$$D = R \cdot T$$

$$\rightarrow 16 = (B+C) \cdot 2 \rightarrow 16 = 2B + 2C \xrightarrow{2} 32 = 4B + 4C$$

$$16 = (B-C) \cdot 4 \rightarrow 16 = 4B - 4C \rightarrow 16 = 4B - 4C$$

$$16 = (B+C) \cdot 2 \quad (b, 2)$$

$$16 = 12 + 2C$$

$$\underline{-12 \quad -12}$$

$$4 = 2C$$

$$\text{Boat} = 6 \frac{\text{mi}}{\text{hr}} \quad \text{Current} = 2 \frac{\text{mi}}{\text{hr}}$$

$$\frac{48}{8} = \frac{8B}{8}$$

$$6 = B$$

p. 360

$$\textcircled{20} \quad \begin{array}{l} f = 3 \text{ pts} \quad 14 \\ e = 1 \text{ pt} \quad \rightarrow \end{array}$$

$$\text{points} \quad 3f + 1e = 49$$

$$\text{score} \quad f + e = 21 \xrightarrow{-1}$$

$$\begin{array}{r} 14 + e = 21 \\ -14 \quad -14 \\ \hline e = 7 \end{array}$$

$$3f + e = 49$$

$$-f + \cdot e = -21$$

$$\begin{array}{r} 3f + e = 49 \\ -f + \cdot e = -21 \\ \hline 2f = 28 \quad f = 14 \end{array}$$